

REPLACEMENT SHEET

Figure 10-1

SEQ ID NO:10

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agcccaccgc
 121 taaccctgca cccacccac ccctgcacaa aagagctggc gggcgctggc
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REPLACEMENT SHEET

Figure 10-2

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3001 caagtgtccc ottgcagcag gggaggcaga attgtccaca ggtgcaaagc
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REPLACEMENT SHEET

Figure 10-3

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REPLACEMENT SHEET

Figure 10-4

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4861 aacagagcaa gactccgtct caaaaaagaa gaagaagaag gagaaggaga
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REPLACEMENT SHEET

Figure 10-5

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cccaacctaa
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REPLACEMENT SHEET

Figure 10-6

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REPLACEMENT SHEET

Figure 10-7

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ccgagcgcac
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REPLACEMENT SHEET

Figure 10-8

11161 gttttgtttg cttgcttgta actttttctt tgtttgttt gggttttctg
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11341 ccaaatagct gagtttacag gcgcccacca ccacgccag ctaatttttg
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REPLACEMENT SHEET

Figure 10-9

12781 caggtgtgag ccaccatgcc cggctaggat ttccactttt tacctggatt
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REPLACEMENT SHEET

Figure 10-10

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caccaccaca
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REPLACEMENT SHEET

Figure 10-11

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REPLACEMENT SHEET

Figure 10-12

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17881 tgtcctcaag gtgcattccat gctgtggctt gtgtcagagc cctgttcctt
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REPLACEMENT SHEET

Figure 10-13

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REPLACEMENT SHEET

Figure 10-14

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REPLACEMENT SHEET

Figure 10-15

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22681 cggccagagg agagttttag ccgtaacctg gcgattgcaa cgtgcctccg
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22741 aagggccag gttggcaccg tggggagagg tggggtctgg ggaggacctg
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REPLACEMENT SHEET

Figure 10-16

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REPLACEMENT SHEET

Figure 10-17

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26041 atgtatgcaa caaatacttt ttgaccatTT actccagggc aagtcctgat
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26101 ggtatatggc agggctatga taagaagaga tggtcctggc ccctacctgc
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26161 catcagaaag acagaccacg aaaggccagg cgcagtgact cagcctgta
atcccagcac
26221 tttgggaggc tgagggtggc agatcacctg aggtcaggag tttgagacca
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26341 agtcccagct actcgggagg ctgaggcagg agaatcgctt gaactctgga
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REPLACEMENT SHEET

Figure 10-18

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27661 ctccccgact accactacat catggagAAC ctcttctgt gagtccccgc
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REPLACEMENT SHEET

Figure 10-19

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29161 ccagcacttt gggaggccaa ggtgggtgga tcacctgagg tcaggagttc
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REPLACEMENT SHEET

Figure 10-20

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31081 gaataaagat tcctaattgt cacgttccca gttacaaatc tgggatgagc
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taatgaatca
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31381 ccagaattca gtaacataga ctacctttgc ctttaattga gatattagga
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REPLACEMENT SHEET

Figure 10-21

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REPLACEMENT SHEET

Figure 10-22

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REPLACEMENT SHEET

Figure 10-23

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REPLACEMENT SHEET

Figure 10-24

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38641 gtaccactgc actcggcgac aaagtgagac tccatctcaa aaaaataaat
aaacaaataa

REPLACEMENT SHEET

Figure 10-25

38701 aataaaaaata aaaattatcg gccgggtgtg gtggctcacg cctgtaatcc
cagtagtttg
38761 ggaggctgag gtgggccgat cacaaggcca agagatcgag accagcctgg
ccaacatggt
38821 gaaaccccat ctcttctaaa aatacaaaaa ttagctgggc atggtggctc
gtgcctgtag
38881 tcccacctac ttggaaggct gaggcaggag aatcacttga acctgggagg
cggaggttgc
38941 agtgagccga gatcagacca ctgcactcca gcctggcgac agaatgagat
tctgtctcaa
39001 aaataaataa ataaataaat atcatccagg tgtggtgatg tacacctcta
gtccagctac
39061 tcagaagggt gaggcaggca gatggctgga gcccaggagg tcaaggctac
agcaagctat
39121 gactgcactc cagcctgggc aacagagcaa gaccctgtct caaaaaaaaa
aaaaaagtta
39181 tcatgatgtt ctcatattat cgcaatctca atgttatcat aatgatgaaa
ggtgaccttt
39241 gtccagggtcc cagcaggtag attcagactc cccaatcca gtagaccctg
agcaacatta
39301 ttggcttcat tttatgttag tgaagggcct tggccaattt cctcaaaact
gtctgttttg
39361 gctcatttgt tacgcagcag atgcacgctg acatctgttt tgtaccagat
acagcagtgt
39421 cggtcctcat agggcttaca gcctccacga acaggtagaa aatgcccaag
aatgggcact
39481 gtggctcacg cctgtaatcc cagcactttc ggaggccaaa gcaggaggag
catttgaggt
39541 caggagttcg agaccaactt gggcaacata ttgagactcc atctctacaa
aaagtttaaa
39601 agttagccag gcatgatggt gtataccttg tagtcccagc tacttgggag
gctgaggtgg
39661 gaggatcact tgagcccgga gctggaagct gcagtgagcc atgattgcac
cactgccctc
39721 cagcctgggc aacataacaa gaccctgtat cttttttttt tttttaagac
agattttcac
39781 tcttgctgcc cagggggccag agtgcaatgg tgcgatcttg gctcactgca
acctccacct
39841 cccgggttca agcgattctc ctgcctcagc ctcccgagta gctgggatta
caggcaccca
39901 ccaccacacc cggctaattt ttgtattttt agtagagaca gggttttacc
atgttggcca
39961 ggctgggtctc gaactcctga cctcaagtga tccaccacc tcagcctccc
aaagtgtgg
40021 gattataggc atgagccact gcaccagcc aagacctgt atcttaataa
taataaataa
40081 ataaaaataa aataagttaa agaaaaaaaaa gggaaaatgc ccaggctccc
aaaaataagc
40141 aaataacgcc cagtctccgt ctctcctcca caggtctgct ctggtctcag
aagatcagga
40201 aacaagggtg gtgtgatgca gagtggctct cgtgctgttt tcaaaatgtc
cttcatggac
40261 ctgtattagt cagggttctc tagaaggaca gaaaatcaaa ccagctgcc
gcaaataataa

REPLACEMENT SHEET

Figure 10-26

40321 agcaggcagg gatcctaadc ccaggaaaac tgcccatga cttatcggga
gtgggggata
40381 cggcaccggg aaggcaggga ggtagtggtt cccttaacca gtcaggccgt
ccttgacaaa
40441 ctccaggggg gcaccattac ctgaccagg atgcaaatga ggccccagag
ttatgcagtg
40501 gagcgccct cagggaaaaa ccacacaga gccaaagctcc ctgaagccca
ggatatgata
40561 ccacaaaagg gtagactgtc cacgctctgc ctccgattct ccacctgggt
ctggatgcca
40621 agaaaagcct ccctgtggcc gggcgagcg tctcacgcct gtaatcccag
cactttggga
40681 ggccgaggca ggcgatcat ttgaggtcag gagttcaaga ccagcctggg
caacatggca
40741 agaccccgtc ctaaaaaaa atacaaaat tagccagggtg agccaagatc
gtaccactgc
40801 actccacagc ctgggcaata gggctagact ttgtctcaa aaaagaaaa
aaaaaggaaa
40861 gaaaagaaaa gcctccctgt gtgttgatgt ccaagggtat cctcaggcac
aatggtttgc
40921 cagaaggact cacagagctc agcaaagctg tcatactcac agttatgggt
tatcacagtg
40981 gcatggttta ttacagtaga agggtagagt taaaaatcag cagagttggg
tgtggtggct
41041 catgcctgta atccagcac tttgggaggc cgaggcagggt ggatcacttg
aaatcaggaa
41101 ttcaagacca gcctggccaa tatggtgaaa cccatctct actaaaaata
taaaattagc
41161 tgggtgtggt ggcacacacc ttagtccca gctactcagg aggctgaggc
aagagaattg
41221 cttgaacctg ggaggcggag gttgcagtga gctgagattg caccattgca
ttccagcctg
41281 ggcaacagag caagactctg tttaaaaaa aaaaaacaaa aaaacaaaa
acttaacaaa
41341 aggaagagggt gcatagggct ggatccagga gagatcgggt ggaagcctgc
aagtgtctc
41401 tcccagtggg gttgtgtgga cagcctttat ttctccagc agggatgtgt
ggcaaaacac
41461 acaaagtgtt gccaaactaga gaagctgacc caagcctttc tagccagggt
gtttatagag
41521 agtcaactac atacacctgg ctgactgtct gcatggcttt tcttagcctc
cagccctgc
41581 acagatcaag ctgatgccac gtggcccaag ttccaacct aagtcacgtt
gtgagtgtta
41641 ttagtccatt ctcatgctgc tatgaagaaa taccacagac cgggtaaatt
ataaagaaaa
41701 gaggtttaat tgactcacag ttctgcatgg ctggggaggc cccgggaaat
ttataatcct
41761 ggcggaagcc acctcttcac caggcagcag gagcgagaag tgctgagcaa
aggggggaaa
41821 gcccttata aaaccatcag atctcgtgag aactcactac cagcagaaca
gcatggagggt
41881 agccgcccc atggttcagt tacctccac tgagtaccgc ccacgacaag
tggggttatg

REPLACEMENT SHEET

Figure 10-27

41941 ggaactacaa ttcaagatga gatttgggtg gggacacagc ccaaccatat
cagtttagcat
42001 agactatctg gcatgaccca catagacact ccagccagga tgctccaaga
gtttagaagt
42061 taatcccagg agccagggaa ggacaaaact tttctttaga atgtgtggga
tttatccttg
42121 accacacagt ttttttgttt tgttttgttt ttgttggtgt tgttgttttt
gagatggagt
42181 ctgctctgt cgcccaggct ggagtgcagt ggcattgatct tggctcactg
caagctccgc
42241 ctcccagggt cactccagtc tcttgctca gcctccaag tagctgggac
tacaggcgtc
42301 tgccaccaca cccagctaatt tttttgtatt ttttagtaga gacgggggtt
caccatgtta
42361 gccgggatgg tctcgatctc ctgacctcgt gatccaccgc cttcggcctc
ccaaagtgt
42421 gagattacag gcgtgagcca ccatgccag ctgaccacac agttttatac
aaatctataa
42481 gatggcctgg ccacatgcct tactacccat gtgaccagg aagctccaag
ctaagaaata
42541 aacatcaaaa atggccttag accagtgtctg cttaaggggc actgagtaaa
agttctcaat
42601 gtattttctga aaagaccacc tcaacccaag ctctctggag atgagttcac
atatacagac
42661 agaaaacaca aggaaatcat ccaccatgag caaaagacag cagagacaac
aaacagcaga
42721 attagatctt gcctggagat ccttaggtgg ataagatata ataagcatgt
tttaacaatt
42781 aaaaacacaa aagaaggaat tgtaagaagc aatagatgaa tggatgaatg
gataggtgga
42841 taaatggatg gatggatgga tgagtggatg gatggaagga tgtttgatg
atgggtggat
42901 agatagatga atgaatgagt ggagggatgg gaggatagat ggatgatagg
tggtggatg
42961 gatggataaa tggatggatg gatggatggg tgaaggttnn nnnnnnnnnn
nnnnnnnnnn
43021 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn
nnnnnnnnnn
43081 nnnnnnnnnn nnnnnnnnga gtgggtgggt ggatggatgg atggatggat
ggatggatgg
43141 atggacagat ggatgagtgg gtggatggat ggggtgggcag atggatcaat
ggataggtgg
43201 gtggatggat ggatggatgg ttgaatagat ggatgagtgg agggatggat
ggatgaatgg
43261 atggatgtgt ggggtgggtg atgggtggat ggacggatga gtgagtggct
ggatgggtgg
43321 gcagagggat gaatggatcc ctccattgag tgaatggatg ggtgagtgag
tgtgtggatg
43381 gatggatgga tggatggatg gatggatgga tgggtggatg gatagatgtg
tgggtggtt
43441 tatggttgggt tagttggggg gtgggttgaa gcctccctcc aggctgattg
aggttgccag
43501 tctccagggc ctgttctgct gaggcaccag gaaggaggcc ctgagagcca
cacttagaaa

REPLACEMENT SHEET

Figure 10-28

43561 gtgggtggca ggagccgggc cctgaagggc atgtgccact cttgctgctg
ggagttcacc
43621 cacgctgggt gggatcattg ttttggatta catacatgta gaagcgcat
ttgcactttt
43681 aacattaaca gcaataactt ggctgtgtc tttccctccc tagcatgtcc
tgaggcgacg
43741 tgagcataac aaaggacatg gaagaagatt ccagatgcc aaaaacctct
gtcagacgcc
43801 cactggcccc agatctcatc ctgcctcatc ctgagtccca atcttccaag
ggtgccagcc
43861 cctccgttca tctctgaaac ccagcatcct tttcagctgc ttgaaaacat
tgtatttttt
43921 ttttttaacg atgcagtatt tgtgcgttcc agaaaagggc ccagctctga
gccccctcacc
43981 cttccacact cacgaactct cagccgagga aggcaagaag cgcagggggg
ggcccgcgtg
44041 gcgtcgggtg cctccgctcc tgctcgcagc ctctgtggtc agagctggat
acaagattca
44101 agacccttct cttgcttgtc acccgctcca ggttgagacc acagacaccc
accgccaccc
44161 cggtcgggtc tgcgtccttt cctgtgcctt tccctccaga atgcggcctc
agacctagaa
44221 gctcaacccc cctatgaggg ccacgtcctg gggtagctcc tgacctccga
ccttatgtcc
44281 aaatttcaca cccatgggtt ttcatttgac ccgccccctt ctgctcata
atgacaccca
44341 gctcctttga gaggatcaga gccattgca caagaagagc cgctgccaac
catccttgtc
44401 ctccgattgc aaaatgacac ccagtaatc tagaacattc tcaagcccct
ttaactcaga
44461 tgtcaagcca ccgggcaaac cccgtcaata cctcccacca agaatgaga
tatgtggacc
44521 tcactgctcc cccaaccag cgtcaggctg ggacacgcc aagctgttcc
gggttggaac
44581 agcagaggct cagaaactgg ctctgaaata ggcagacct acaagaggaa
gatacagggt
44641 atcgggcgtt tgagtgtttc agaagtcatt cgggaagata aatccagtgc
gctggccgca
44701 gccacctgca ttcaaagctt ggaccagcgg gttcttggtc gggaggcaaa
tttccctagg
44761 aaaaagaaga cagacttttc taatgtggtc caaatgcgga tcaactgtca
gatggactct
44821 agaagcactg agctccctgt ctctggaagt atttaagaaa aggctgggcc
aggcacgatg
44881 gctcacgct gtaatcccag actttgggag gccgaggcag gcggatcacc
tgaggtgagg
44941 agtttgagaa cagcctggcc aacatggtga aacctcatct ctactaaaa
tacaaaaatt
45001 agccaggcgt ggtggcagg gctgtaatc ccagctactt gggaggctga
ggcatgagaa
45061 tcaactaaac ctgagaggca gaggttacag tgagccaaga tcgtgccact
gcattccagc
45121 ctgggcgaca gagcaagact ctgtctcaaa aaaaataaaa aataatcagg
gcacagtggc

REPLACEMENT SHEET

Figure 10-29

45181 tcatgcctgt aatcccagca ctctgggagg ctgaggtggg tggatcacct
gaggtcagga
45241 gttcaagacc agcctggtga acatggcgaa acccgtctc taataaaaat
acaaaaatta
45301 gccgggcatg gtggtgcatg cctgtaatcc cagctactcg ggaggctgag
gcaggagaac
45361 tgcttgaacc caggaggcag aggttgcagt gatccaagat catgccactg
cactccagcc
45421 tgggcaacaa gagcaaaact ccgtctcaaa ataaaaagaa aagaaaagaa
tggacagtgt
45481 ttgcagagag ttgctcacga gtttccctct aatcctaaat gtcttcatgt
ctatcagtct
45541 gagcagacgg tgagtggggc gggcacattc tccaggccct tcttctagc
tctgtggttg
45601 acctctcagc aagtgtctatc caggctgggc caaccagacc cacaattaac
tgagcctcag
45661 tgaaagcgtc cagtgcattc tgacctgaga cagcaaggaa ttgcatttgg
ggttattcca
45721 acgatgatgg cagggaactg gtggtattta gtgctgaggg gcagtgatac
agaaagattt
45781 gccctgtggg acagggtcct gcgcgagtcc catcccaaaa agccagcagc
tcctgccatg
45841 aggaagacgg ggtttctgag caggcttatg cctgcagggt cctgtggagc
caccggctgt
45901 gacgggacac ctctgggtct cagcattgcc ctggggaggc tgggacattt
agggacatgg
45961 tagggtttta acatttgttt cccaaatgtc aaatcccggg cacaggggca
agaccctgtc
46021 ccgaattccc acccagtgat atggtgtcgc tgccaaagcc aacacaagat
gacaaaagtg
46081 gctgggtacg gtggctcacg cctataatcc cagcactttg ggagaccgag
acaggtggat
46141 cacctgaggt caggagtctg agaccaggct ggccaacatg gtgaaacccc
atcttacta
46201 aaaatacaaa aattagctgg gtgtggtggc gcgcacctgt agtcccagct
actcaggagg
46261 ctgaggtaga agaatactg gaaccagga ggcagagatt gcagtcagcc
gagattgcac
46321 cactgcactc cagcctggga gacagagcaa gactgactca aaagaaaaaa
aatgacagaa
46381 gcctgattat cagactgcc ggaggagaca ggctccagca gatagatgcc
agccaggccc
46441 agctgccacg atttgtcca ggtgacaaa ggcacgcagc tccagcatga
atcgttctaa
46501 cccaacagtg acaagaactg ctgggcctta accgtcatgg aagactgggg
ccgcttccaa
46561 gtcacagaca ggagacgggg acaggaaaga actcattcca cccaatcgga
cacctaataa
46621 ttgagtgtct acagcagcaa tcaagtgaca agtgaggccc tacctgacct
agaaggtgcc
46681 tgccggctaa acattctgcc cccaccagaa actccagggg gtccgcccgt
tatgccgtgg
46741 cccaccacg cccctttgga tcaccagcag tcacagacaa caggcaggcg
aaactgaaga

REPLACEMENT SHEET

Figure 10-30

46801 ccccaactca gcccagcgg accctccaga gcaaaagagg cccccggcga
ggccacctgt
46861 cggcaggcat gccgaggta aacagccggg gccaccgttc ccagctgggc
cacgacctgc
46921 accgtccaca gatgggcttt gagatggatt tgtatcaggg tgggggggtgt
ggtttgcca
46981 aaatgcaatg gaccccgacc cctcctcgta aaaggatgtt gggtttcct
ctggtgacac
47041 atgggatgcg tcataaaccc tcccccaaag tcctggtcag cagcccatcc
ttccaacgat
47101 gagttttgcg gtttttcaga acagaaatga tcactacgat tgacgacggt
cgtgatgtta
47161 agacgtcgtc tccatgagct ttggggggac ttttatgttg aataaagaaa
ctatcactg